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U. S. DEPARTMENT OF AGRICULTURE FOREST SERVICE FOREST PRODUCTS LABORATORY MADISON, WIS.

In Cooperation with the University of Wisconsin

LIST OF PUBLICATIONS ON

PARTICLEBOARD AND PANEL PRODUCTS

This list includes publications that present the results of research by the Forest Products Laboratory in this particular field of wood products research.

Single copies of the various items may be obtained free upon request from the Director, Forest Products Laboratory, Forest Service, U.S. Department of Agriculture, Post Office Box 5130, Madison, WI 53705. Classroom quantities are not available because of limited printing and storage facilities.

Title	Author	Publication and date
Properties of structural particleboards.	:Lehmann, W. F.	:Forest Prod. J. :24(1): 19-26. :Jan. 1974.
Factors affecting particleboard pressing time: interaction with catalyst systems.	:Lehmann, W. F., :Geimer, R. L., & :Hefty, F. V.	:U.S. Forest Serv. Res. :Pap. FPL 208. 1973.
Resin efficiency and dimensional stability of flakeboards.	:Lehmann, W. F. & :Hefty, F. V.	:U.S. Forest Serv. Res. :Pap. FPL 207. 1973.
Weathering characteristics of particleboard.	:Geimer, Robert L., :Heebink, Bruce G., & :Hefty, F. V.	:U.S. Forest Serv. Res. :Pap. FPL 212. 1973.

Title	Author	Publication and date
High-quality particleboard from cross-grain, knife-planed hardwood flakes.	:Stewart, Harold A. &: :Lehmann, William F. :	:Forest Prod. J. :23(8): 52-60. :Aug. 1973.
Buckling due to linear expansion of hardboard siding.	:McNatt, J. Dobbin :	:Forest Prod. J. :23(1): 37-43. :Jan. 1973.
Reducing particleboard pressing time: exploratory study.	:Heebink, B. G., :Lehmann, W. F., & :Hefty, F. V.	:U.S. Forest Serv. Res. :Pap. FPL 180. 1972.
Some views on large structural particleboard panels.	:Heebink, B. G. :	:U.S. Forest Serv. :Res. Note FPL-0220. :1972.
Moisture-stability relationships in wood-base composition boards.	:Lehmann, W. F. :	:Forest Prod. J. :22(7): 53-59. :July 1972.
Irreversible dimensional changes in panel materials.	:Heebink, B. G. :	:Forest Prod. J. :22(5): 44-48. :May 1972.
Reconstituted products from oak.	:Lewis, W. C. & :Heebink, B. G. :	:Oak Symposium Proc., :USDA Forest Serv., :Northeastern Forest Exp. :Sta., Upper Darby, Pa., :pp. 106-110. 1971.
Board materials from wood residues.	:Lewis, Wayne C. :	:U.S. Forest Serv. :Res. Note FPL-045. :Rev. 1971.
Simulated service testing of wood and wood-base finish flooring.	:Lewis, Wayne C. :	:U.S. Forest Serv. :Res. Note FPL-0215. :1971.
Resin efficiency in particleboard as influenced by density, atomization, and resin content.	:Lehmann, W. F. :	:Forest Prod. J. :20(11): 48-54. :Nov. 1970.

Title	Author	Publication and date
Particleboard.	:Forest Products :Laboratory : :	:U.S. Forest Serv. Res. :Note FPL-072. Rev. :1969. :
Treatments to reduce thickness swelling of phenolic-bonded particleboard.	:Heebink, B. G. & :Hefty, F. V. : :	:Forest Prod. J. :19(11): 17-26. :Nov. 1969. :
Exploratory investigations of fire-retardant treatments for particleboard.	:Syska, A. D. : : :	:U.S. Forest Serv. Res. :Note FPL-0201. 1969. : :
Surfacing softwood dimension lumber to produce good surfaces and high value flakes.	:Lutz, J. F., :Heebink, B. G., :Panzer, H. R., :Hefty, F. V., & :Mergen, A. F. : :	:Forest Prod. J. :19(2): 45-51. :Feb. 1969. : :
Resin treatments for improving dimensional stability of structural fiberboard.	:Steinmetz, P. E. :& Fahey, D. J. : :	:Forest Prod. J. :18(9): 71-75. :Sept. 1968. :
Long term durability of Laboratory-made Douglas-fir flakeboard.	:Jokerst, R. W. : : :	:U.S. Forest Serv. Res. :Note FPL-0199. 1968. : :
Portable apparatus for measuring surface irregularities in panel products.	:Hefty, F. V. & :Brooks, J. K. : :	:U.S. Forest Serv. Res. :Note FPL-0192. 1968. : :
Steam post-treatments to reduce thickness swelling of particleboard.	:Heebink, B. G. & :Hefty, F. V. : :	:U.S. Forest Serv. Res. :Note FPL-0187. 1968. : :
Thick particleboards with pulp chip cores--possibilities as roof decking.	:Heebink, B. G. & :Lewis, W. C. : :	:U.S. Forest Serv. Res. :Note FPL-0174. 1967. : :
A Look at Degradation In Particleboards for Exterior Use.	:Heebink, B. G. : : :	:Forest Prod. J. :17(1): 59-66. :Jan. 1967. :

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A procedure for quickly evaluating dimensional stability of particleboard.	Heebink, B. G.	Forest Prod. J. :17(9): 77-80. :Sept. 1967.
Thermal conductivity of wood-base fiber and particle panel materials.	Lewis, W. C.	U.S. Forest Serv. Res. :Pap. FPL 77. 1967.
A look at degradation in particleboards for exterior use.	Heebink, B. G.	Forest Prod. J. 17(1): :59-66. Jan. 1967.
Influence of component variables on properties of particleboard for exterior use.	Gatchell, C. J., Heebink, B. G., & Hefty, F. V.	Forest Prod. J. :16(4): 46-59. :Apr. 1966.
Free-close molding versus molding to stops in wood-resin blend processing.	Gatchell, C. J. & Heebink, B. G.	U.S. Forest Serv. Res. :Note FPL-0103. 1965.
Particleboard quality as affected by planer shaving geometry.	Heebink, B. G., Hann, R. A., & Haskell, H. H.	Forest Prod. J. :14(10): 486-494. :Oct. 1965.
A proposed plug tension test for particleboard.	Heebink, B. G. & Gatchell, C. J.	Forest Prod. J. 15(1): :28-30. Jan. 1965.
Board materials from wood residues.	Forest Products Laboratory	U.S. Forest Serv. Res. :Note FPL-045. 1964.
Variables in specimen preparation influence results of IB tests on particleboard.	Soper, V. R. & Hann, R. A.	Forest Prod. J. :14(6): 261-264. :June 1964.
Effect of particle geometry on properties of molded wood-resin blends.	Gatchell, C. J. & Heebink, B. G.	Forest Prod. J. :14(11): 501-506. :Nov. 1964.
Linear movement of plywood and flakeboards as related to the longitudinal movement of wood.	Heebink, B. G., Kuenzi, E. W., & Maki, A. C.	U.S. Forest Serv. Res. :Note FPL-073. 1964.

Title	Author	Publication and date
<u>Miscellaneous Publications</u>		
List of publications on glues and glued products.	:Forest Products Laboratory	:FPL 74-007. 1974.
Recycling forest products retrieved from urban waste.	:Auchter, Richard J.	:Forest Prod. J. 23(2): 12-16. Feb. 1973.
Systems research sharpens wood-working technology.	:Fleischer, H. O.	:Woodworking & Furn. Dig. 73(2): 32-34. Feb. 1971.
Wood in the soaring 70's.	:Fleischer, H. O.	:Woodworking & Furn. Dig. 72(1): 36-39. Jan. 1970.
Sawmills of the future.	:Fleischer, H. O.	:South. Lbrmn. 219(2728): 169-171. Dec. 1969.
Forestry and the new society.	:Fleischer, H. O.	:The Benson Memorial Lecture, School of Forestry, University of Missouri-Columbia. Nov. 4, 1969.
Where research in wood problems has paid off.	:Locke, E. G.	:Ind. Woodworking, p. 18. Apr. 1965.
Wood and the homemaker.	:Forest Products Laboratory	:U.S. Forest Serv. Res. Note FPL-0107. 1965.

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